Figure 1. Single-Quantum Dot Labeled Immunoassay

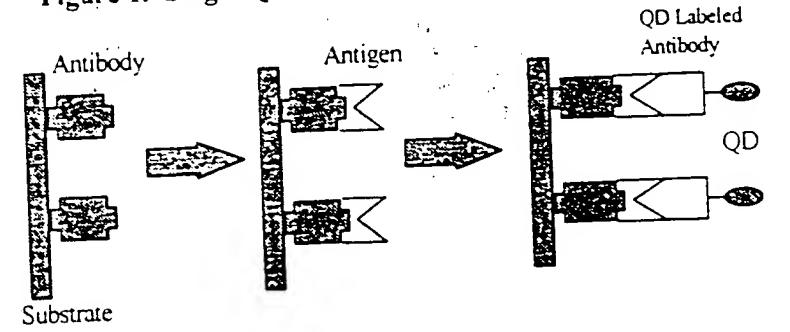
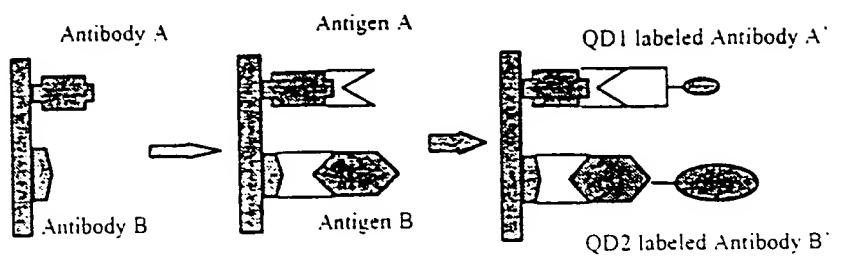
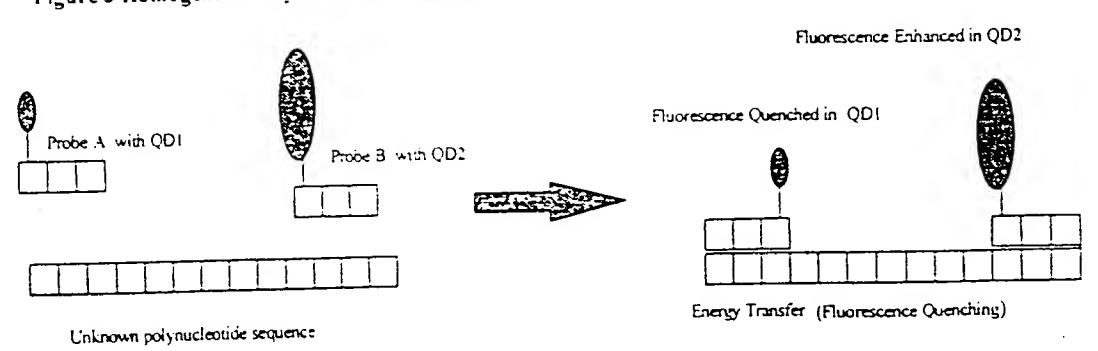


Figure 2 Multi-Quantum Dot Labeled, Parallel Immunoassay



Substrate

Figure 3 Homogenous Polynucleotide Sequence Determination.



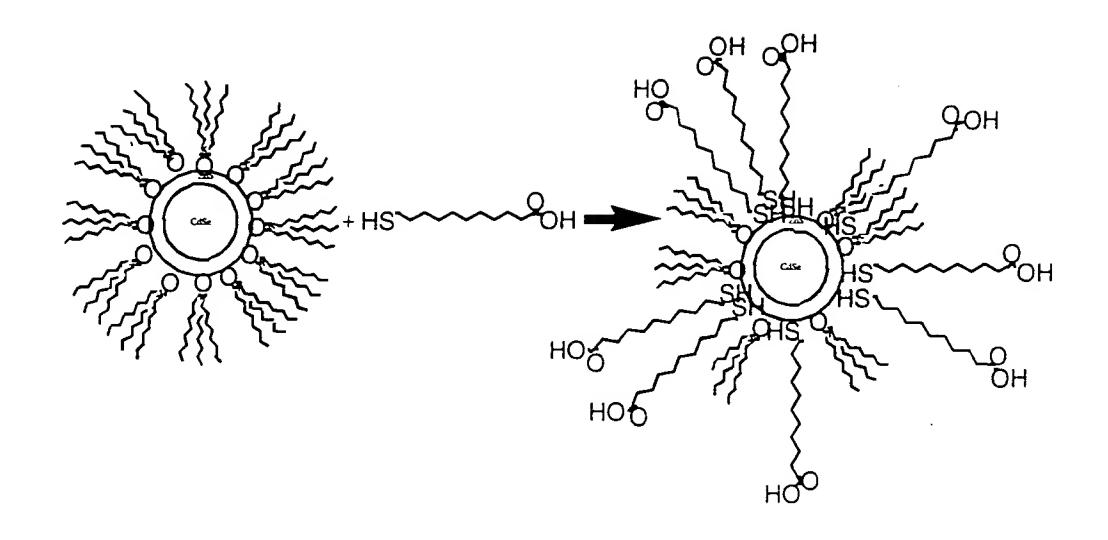
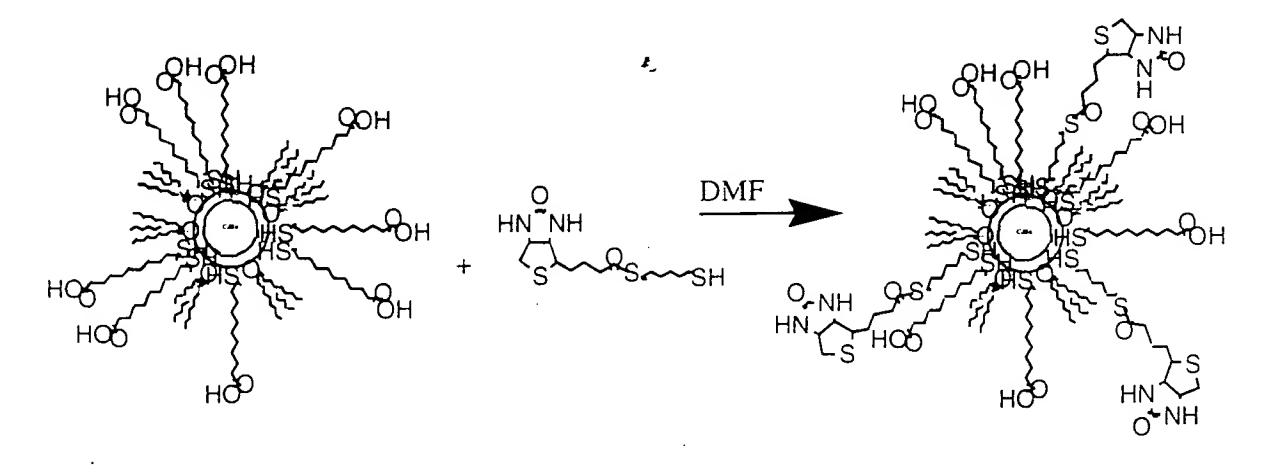


Figure \$5

Figsre \$6



MUA cap exchanged dots

BHDT

Biotin-thiol-dot complex

Figure \$7

Water-soluble dots

biotin-amine-dot complex

Figsre \$8

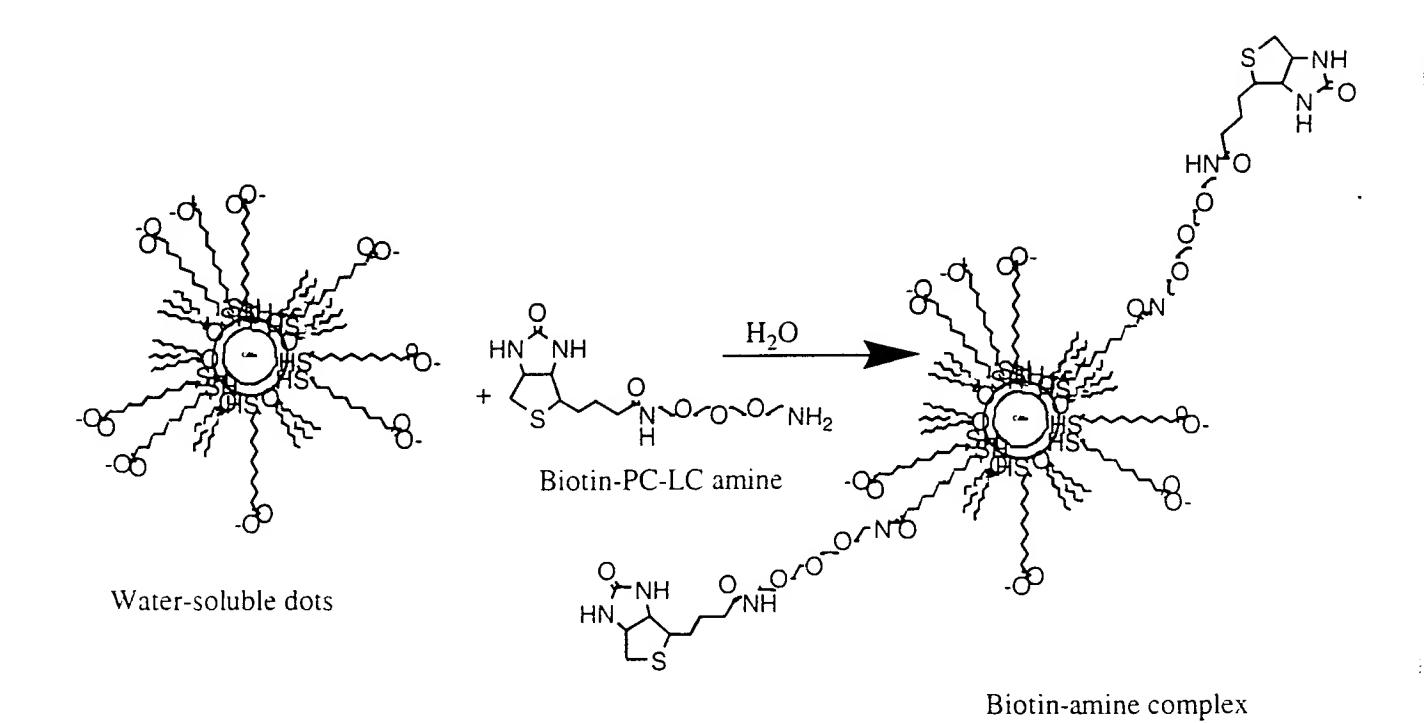


Figure to 9